## EAST Search History

| Ref #      | Hits | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|------------------------------|---------------------|---------|---------------------|
| S1         | 1    | ("20060193986").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>21:26 |
| S2         | 37   | ((KOUSUKE) near2<br>(YOSHIHARA)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:06 |
| S3         | 5    | ((MOMOKO) near2<br>(SHIZUKUISHI)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:07 |
| S4         | 6    | ((YUICHI) near2<br>(TERASHITA)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:07 |
| S5         | 7    | ((ATSUSHI) near2<br>(OOKOUCHI)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:07 |
| <b>S</b> 6 | 7    | ((ATSUSHI) near2<br>(OOKOUCHI)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:07 |
| S7         | 17   | ((HIDEHARU) near2<br>(KYOUDA)).INV.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:07 |
| S8         | 47   | S1 S2 S3 S4 S5 S6 S7   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:08 |
| S9         | 6    | ("5620560"   "6097005"  <br>"6246030"   "6462310"  <br>"6590186"   "6605550").<br>PN. OR ("7384595").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:11 |
| S10        | 3    | ("5707687"   "6419751").<br>PN. OR ("6605550").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:11 |
| S11        | 9    | ("4798165"   "4976996"  <br>"5261960"   "6190459"  <br>"6246030"   "6403924").<br>PN. OR ("6590186").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:12 |
| S12        | 6    | ("5588827"   "6416318"  <br>"6590186"   "6884066"  <br>"6921436"   "7156924").<br>PN. OR ("7377776").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/06/11<br>22:12 |

| S13 | 20  | ("20010050059"   "4685331"   "5287914"   "5536918"   "5551985"   "5580830"   "5592581"   "5670218"   "5772770"   "5872889"   "5900064"   "5965047"   "6097005"   "6111225"   "6140256"   "6245192"   "6364949"   "6494955"   "6753506"). PN. OR ("7156924"). URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:12 |
|-----|-----|--|------------------------------|----|-----|---------------------|
| S14 | 32  | ("4771730"   "5151871"  <br>"5581874"   "5817156"  <br>"5835334"   "5974682").<br>PN. OR ("6097005").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:14 |
| S15 | 13  | ("4518848"   "4956043"  <br>"5150253"   "5252807"  <br>"5462603"   "5683606"  <br>"5688331"   "5851298"  <br>"5904872"   "6080970"  <br>"6087632"   "6097005").<br>PN. OR ("6815647").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:15 |
| S16 | 143 | ("3828722"   "4507078"  <br>"5001327"   "5034199").<br>PN. OR ("5252807").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:16 |
| S17 | 30  | ("4037830"   "4213698"   "4518848"   "4551192"   "5252807"   "5343012"   "5382311"   "5383971"   "5458687"   "5460684"   "5474877"   "5478609"   "5534073"   "5588827"   "5695568"   "5721090"   "5730803"   "5738165"   "5762714"   "5820723"   "5830808"   "5904776"   "5904779"   "5958140"   "6245202"   "6394797"   "RE31053").PN. OR ("6518548").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:19 |
| S18 | 35  | ("4741801"   "5127988"  <br>"5273588"   "5304250"  <br>"5443689").PN. OR<br>("5958140").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:22 |
| S19 | 14  | "6246030"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:39 |

| S20         | 15718 | (wafer or substrate)<br>same (chamber or box)<br>same (air or gas) same<br>(heating or heater) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:44 |
|-------------|-------|--|------------------------------|----|-----|---------------------|
| S21         | 11854 | S20 and (vacuum or suction)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:44 |
| S22         | 219   | S21 and "392"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:45 |
| S23         | 492   | S21 and "219"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:45 |
| S24         | 2544  | S21 and "118"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:45 |
| S25         | 2553  | S21 and "427"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:45 |
| S26         | 119   | S21 and "432"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:46 |
| S27         | 81    | S22 and fluid  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:46 |
| S28         | 140   | S23 and fluid  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:47 |
| S29         | 789   | S24 and fluid  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:47 |
| S30         | 536   | S25 and fluid  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:47 |
| S31         | 35    | S26 and fluid  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/11<br>22:47 |
| S32         | 1     | "6222161".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |
| S33         | 1     | "6246030".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |
| S34         | 2     | S32 S33  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |
| <b>S</b> 35 | 0     | S34 and water  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |

| <b>S</b> 36 | 1       | "20020086259"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |
|-------------|---------|---|------------------------------|----|-----|---------------------|
| <b>S</b> 37 | 1       | S36 and water   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:07 |
| S38         | 0       | filter and 219/444.1.ccls   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:52 |
| S39         | 1064733 | filter  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:52 |
| S40         | 29      | S39 and 219/444.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:52 |
| S41         | 3556    | 118/724-725.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S42         | 325     | S41 and S39   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S43         | 1503    | 392/416-418.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S44         | 184     | S43 and S39   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S45         | 453     | S40 S42 S44   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S46         | 424     | S45 and (gas or air)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:53 |
| S47         | 292     | S46 and (suction or vacuum)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:54 |
| S48         | 105474  | filter same (adjustable or<br>moveable or movable or<br>adjusting or raising or<br>lowering or descend\$) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:55 |
| S49         | 37      | S48 and S41   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:55 |
| S50         | 24      | S48 and S43   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:55 |
| S51         | 51      | S49 S50   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>22:55 |

| S52 | 20 | ("4762576"   "4986216"  <br>"5315092"   "5443997"  <br>"5445699"   "5455082").<br>PN. OR ("6075922").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/06/12<br>23:14 |
|-----|----|--|------------------------------|----|-----|---------------------|
| S53 | 35 | ("4986216").URPN.  | USPAT                        | OR | OFF | 2008/06/12<br>23:16 |

6/13/08 2:51:36 PM

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